



# Afripipes

South Africa • Kenya • Middle East

## AfriDuct™

Underground ducting systems for cable management





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Underground ducting systems for cable management

Characteristic	
Colour	Standard black with white apex line (or as per customer specifications)
Construction	Double/single wall corrugated pipe
Classification straight double wall 6m	Rigid pipe
Material	Virgin HDPE (High density polyethylene)

Pipe Properties	DN75	DN110	DN160
Outer Diameter	75mm ± 1mm	111mm ± 1mm	161mm ± 1mm
Inner Diameter	61mm ± 1mm	92mm - 95mm	139mm ± 1mm
Pipe bending radius	1.5m	2.5m	3.5m
Pipe Length	6.00m - 6.06m		
Compression (Type Normal Duty)	>450N		
Chemical Resistance (ISO/TR10358)	Passes		
Marking	Afripipes, DN(Pipe size), PE, N 450, Batch number		
Resistance to Impact (SANS 61386-24)	Normal duty		

## Coils

AfriDuct is available in both double and single wall coils

Coil Properties	DN50	DN75	DN110	DN160
Outer Diameter	51mm ± 1mm	75mm ± 1mm	111mm ± 1mm	161mm ± 1mm
Inner Diameter	41mm ± 1mm	61mm ± 1mm	92mm - 95mm	139mm ± 1mm
Min Bending Radius	150mm	250mm	350mm	450mm
Length	50m	50m	50m	25m

## Bends

Bend Properties	DN50	DN75	DN110
Length	1.5m	1.75m	1.75m
Bending radius 0-90°	≥ 250mm	≥ 350mm	≥ 450mm

## Accessories

Product	DN50	DN75	DN110	DN160
Sealing ring	✓	✓	✓	✓
Coupling	✓	✓	✓	✓
End Plug			✓	
Bore Brush			✓	✓

Specification and Standards Compliance		
Double wall 6m straight lengths	<b>SANS 61386-24</b> <b>EN 50086-2-4</b>	Conduit systems buried underground (Permit Number 8654/13662) Conduit systems buried underground
Coils	<b>EN ISO 9969</b>	Ring Stiffness